

ABSTRACT OF THE DISCLOSURE

A method, apparatus, and medium including computer readable code for controlling a hard disc drive. The method includes receiving a write instruction and sensing a temperature around the hard disc drive, enabling a write verify function when the sensed temperature is below a threshold temperature and recording data in a data sector of a disc, reading the recorded data and detecting a recording error, and recording data in a reserved sector of the disc when the recording error is detected. When the recording error is detected while recording data on a magnetic disc in a low temperature mode, then a cycle of recording, reproducing, and error detecting can be repeated several times. Since a sector is reassigned, if an error is detected, and the data is recorded on that reassigned sector, recording and reproducing data to/from a disc can be carried out more reliably at low temperatures.